



**Town Of Clarkson  
Office of the Supervisor  
Pre-Disaster Mitigation Plan**

**Appendix B – 9T**

**Hazard Specific Analysis: Hazardous Materials (at Fixed Facilities)**

**Definition:**

“Release of materials from a stationary facility which when released can result in injury/death to people, and/or damage to property and the environment through flammability, toxicity, corrosiveness, chemical instability and/or combustibility.”<sup>1</sup>

**Description:**

There are numerous facilities throughout the Town Of Clarkson that use and store hazardous materials as they are defined by the federal Environmental Protection Agency (EPA). In compliance with the Congressional SARA Title III Act of 1986, more than 900 facilities have filed reports with the Monroe County Local Emergency Planning Committee (LEPC) at some point over the past 17 years. While the Town Of Clarkson has no major industries the use or store large amounts of hazardous materials, there are a large number of agricultural operations, and small industrial complexes within the town. Therefore, the risk of an incident at a “fixed facility” is substantial and has a hazard ranking of 9.

**Overview of specific hazard locations and the extent of the hazard:**

Facility types range from local gasoline service stations to multi-chemical storage and use facilities. The extent of the hazard depends on the chemical products involved, the number of employees on site, and the location of the facility and its proximity to residential communities.

**Previous occurrences of the hazard:**

Level*	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
0											
1											

\*Definitions on page 2

\* Level 0 - A hazardous materials incident that is not likely to adversely impact or threaten life, health, property or the

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<sup>1</sup> HAZNY

environment; where control of the incident is within the capabilities of resources available to the local response jurisdictions.

Level 1 - A hazardous materials incident that may adversely impact or threaten life, health, property or the environment within an area immediately surrounding the point of release or potential release; where control of the incident is within the capabilities of the resources locally available to responders in Monroe County.<sup>2</sup>

**Probability of future occurrences and potential magnitude:**

Regulations for use and storage, together with employee training should help reduce the number of incidents, however there is significant probability that events will continue to occur. Potential magnitude is site-related.

**Maps of hazard areas:**

Map is not required due to widespread geographic potential.

**Analysis of the impact on business, infrastructure & critical facilities:**

Analysis of impact is difficult to predict based on the wide range of facilities and locations.

**Specific information concerning estimated value (\$) of potential loss, damage to structures, casualties, etc:**

The economic impact can be huge. Incidents have cost the private-sector losses in facility, product manufacturing, jobs, clean-up, and damages in adjacent neighborhoods. Real estate and property damages have even led to buy-out by the company owner.

**Notes on data limitations:**    None

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<sup>2</sup> Definitions are from the Monroe County Hazardous Materials Response Plan, November 2002 Revision.